

# HISTORIC AMERICAN ENGINEERING RECORD

HAER  
VA,  
2P-HAMP,  
4B-

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NASA LANGLEY RESEARCH CENTER,  
8-FOOT HIGH SPEED WIND TUNNEL  
Hampton (Independent City)  
~~Hampton County~~  
Virginia

HAER No. VA-118-B

Jet Lowe, HAER Photographer, August 1995.

VA-118-B-1 EXTERIOR VIEW OF SOUTHEAST CORNER OF 8-FOOT HIGH SPEED WIND TUNNEL.

VA-118-B-2 VIEW LOOKING NORTHWEST AT SETTLING CHAMBER OF 8-FOOT HIGH SPEED WIND TUNNEL.

Jet Lowe, HAER Photographer, December 1995.

VA-118-B-3 EXTERIOR VIEW OF 8-FOOT HIGH SPEED WIND TUNNEL COMPLEX SHOWING ADMINISTRATIVE BUILDING.

VA-118-B-4 VIEW LOOKING SOUTHEAST AT EXTERIOR OF 8-FOOT HIGH SPEED WIND TUNNEL.

VA-118-B-5 EXTERIOR VIEW OF NORTHEAST CORNER FROM CENTER OF 8-FOOT HIGH SPEED WIND TUNNEL.

VA-118-B-6 FAN HOUSE OF 8-FOOT HIGH SPEED TUNNEL. AIR INTAKES AND FILTERS ARE ENCLOSED IN THE UPPER LEVEL STRUCTURE.

VA-118-B-7 "IGLOO" PORTION OF 8-FOOT HIGH SPEED WIND TUNNEL, VIEW LOOKING WEST.

VA-118-B-8 VIEW LOOKING NORTHEAST AT "IGLOO" PORTION OF 8-FOOT HIGH SPEED WIND TUNNEL.

VA-118-B-9 DETAIL VIEW OF CAST CONCRETE SHOWING TRANSITION FROM TUNNEL TO IGLOO.

VA-118-B-10 INTERIOR VIEW OF FAN IN 8-FOOT HIGH SPEED WIND TUNNEL.

VA-118-B-11 INTERIOR VIEW OF 8-FOOT HIGH SPEED WIND TUNNEL. SAME

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CAMERA POSITION AS VA-118-B-10 LOOKING IN THE OPPOSITE  
DIRECTION.

VA-118-B-12 INTERIOR VIEW OF IGLOO PORTION OF WIND TUNNEL. NOTE  
CONVERSION TO OFFICE SPACE.

VA-118-B-13 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC])  
AERIAL VIEW OF 8-FOOT HIGH SPEED WIND TUNNEL IN  
FOREGROUND. NOTE COOLING TOWER AT LEFT CENTER.

VA-118-B-14 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (L-90-2684)  
AERIAL VIEW OF THE 8-FOOT HIGH SPEED TUNNEL (FOREGROUND)  
AND THE 8-FOOT TRANSONIC PRESSURE TUNNEL (REAR).

VA-118-B-15 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (L12000.1)  
ELEVATION OF 8-FOOT HIGH SPEED WIND TUNNEL, c. 1935.

VA-118-B-16 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (LAL-12470)  
ELEVATION OF 8-FOOT HIGH SPEED WIND TUNNEL.

VA-118-B-17 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (L86-10,257)  
DETAIL VIEW OF EXTERIOR OF COOLING TOWER FOR 8- FOOT HIGH  
SPEED WIND TUNNEL.

VA-118-B-18 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (L86-10235)  
INTERIOR VIEW SHOWING TURNING VANES IN 8-FOOT HIGH SPEED  
WIND TUNNEL.

VA-118-B-19 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (L79758)  
INTERIOR VIEW SHOWING TURNING VANES AND PERSONNEL IN THE  
8-FOOT HIGH SPEED WIND TUNNEL.

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- VA-118-B-20 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC])  
INTERIOR VIEW SHOWING TURNING VANES AND PERSONNEL IN THE  
8-FOOT HIGH SPEED WIND TUNNEL.**
- VA-118-B-21 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (NACA 16900)  
DETAIL VIEW OF CONTROL/MONITORING STATION IN 8-FOOT HIGH  
SPEED WIND TUNNEL, c. 1930s.**
- VA-118-B-22 Photocopy of photograph (original in the Langley Research Center Archives,  
Hampton, VA [LaRC]) (L64110)  
DIVING SUIT REQUIRED FOR WORKING IN 8- FOOT HIGH SPEED WIND  
TUNNEL; ROY H. WRIGHT, DESIGNER OF THE INNOVATIVE SLOTTED  
SECTION OF TUNNEL IS IN THE SUIT.**